

IN THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in this application:

Claims 1 and 2 (Canceled).

3. (Previously Presented) An isolated polynucleotide which comprises SEQ ID NO:1.

Claims 4-12 (Cancelled)

13 (Original): A vector comprising the isolated polynucleotide of Claim 3.

Claims 14-16 (Cancelled).

17. (Currently Amended) The host cell of Claim 15, which is a ~~Coryneform~~ coryneform bacterium.

Claim 18. (Cancelled)

19. (Currently Amended) The host cell of Claim 15, wherein said host cell is selected from the group consisting of *Corynebacterium glutamicum*, *Corynebacterium acetoglutamicum*, *Corynebacterium acetoacidophilum*, *Corynebacterium melassecola*, *Corynebacterium thermoaminogenes*, and *Brevibacterium flavum*, ~~*Brevibacterium lactofermentum*, and *Brevibacterium divaricatum*.~~

20-36 (Canceled)

37. (Currently Amended) A method for making LuxR protein, comprising: culturing the host cell of Claim 19 ~~Claim 14~~ for a time and under conditions suitable for expression of LuxR protein, and collecting the LuxR protein.

38. (Original): A method for making LuxR protein, comprising: culturing the host cell of Claim 15 for a time and under conditions suitable for expression of LuxR protein, and collecting the LuxR protein.

Claim 39-49. (Canceled)

50. (New) The host cell of Claim 19, which is *Corynebacterium glutamicum*.

51. (New) The method of Claim 37, wherein the host cell is *Corynebacterium*

glutamicum.